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MAR 22 2005

PATENT

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Serial No.: 10/620,057)
Filed: July 15, 2003)
Title: Measurement of Package)
Interconnect Impedance)
Using Tester and)
Supporting Tester Hardware)
Applicants: Thurairajaratnam et al.)
Art Unit: 2829)
Examiner: Emily Y. Chan)
Attorney Ref: 02-4456/1P)

CERTIFICATION OF FACSIMILE TRANSMISSION

I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office to fax number (703) 672-9306 on March 22, 2005.


James R. Foley, Reg. No. 39,974

RESPONSE TO THE OFFICE ACTION MAILED JANUARY 14, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In the matter of the above-identified application and in response to the Office Action mailed January 14, 2005, kindly enter the following amendments and consider the following remarks toward reconsideration of the present application.

FROM TREXLER ETAL.

(TUE) 3.22'05 17:40/ST. 17:40/NO. 4860347478 P 1

TREXLER, BUSHNELL, GIANGIORGI, BLACKSTONE & MARR, LTD.

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FOUNDED 1890
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AND RELATED MATTERS; ALL PHASES
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TOTAL PAGES (Including Cover Page) 10 DATE: March 22, 2005

Commissioner of Patents and Trademarks
TO: Attn: Examiner Emily Y. Chan FROM: Mr. James R. Foley, Reg. No. 39,979

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NOTES:

Inventors: Thurairajaratnam et al.
For: MEASUREMENT OF PACKAGE
INTERCONNECT IMPEDANCE
USING TESTER AND SUPPORTING
TESTER HARDWARE

Art Unit: 2829

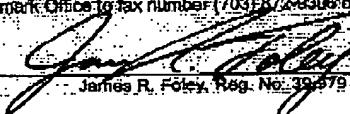
Serial No.: 10/620,057

Filed: July 15, 2003

Attorney Ref.: 02-4456/1P

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FROM TREXLER ETAL.
FORM PTO-1083

(TUE) 3.22'05 17:40/ST. 17:40/N0. 4860347478 P 2

Case No. 02-4456/1P

In re application of: Thurairajaratnam et al.

Serial No.: 10/620,057

Filed: July 15, 2003

Art Unit: 2829

For: MEASUREMENT OF PACKAGE INTERCONNECT
IMPEDANCE USING TESTER AND SUPPORTING
TESTER HARDWARE

MAIL STOP: AMENDMENT
COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Response to the Office Action mailed January 14, 2005.

The filing fee has been calculated as shown below:

	(Col. 1)	(Col. 2)	(Col. 3)
	Claims Remaining After Amendment		Highest No. Previously Paid for
TOTAL	* 13	MINUS	** 27
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			
INDEP.	* 2	MINUS	** 3

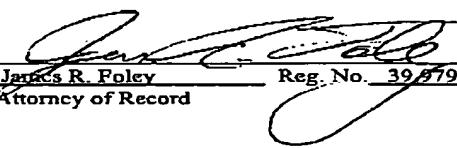
SMALL ENTITY		OTHER THAN A SMALL ENTITY	
Rate	Addit. Fee	Rate	Addit. Fee
x 25 =	\$.00	x 50 =	\$.00
x 100 =	\$.00	x 200 =	\$.00
+ 180 =	\$.00	+ 360 =	\$.00
TOTAL ADDIT. FEE	\$.00	TOTAL	\$.00

- * If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.
- ** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.
- *** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

- Please charge my Deposit Account No. 12-2252 in the amount of \$ _____ A duplicate copy of this sheet is enclosed.
- A check in the amount of _____ to cover the filing fee is also enclosed.
- The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 12-2252. A duplicate copy of this sheet is enclosed.
 - Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.
 - Any patent application processing fees under 37 CFR 1.17

Dated: March 22, 2005


James R. Foley Reg. No. 39,979
Attorney of Record

FROM TREXLER ETAL.

FORM PTO-1083

(TUE) 3. 22' 05 17:40/ST. 17:40/NO. 4860347478 P 3

Case No. 02-4456/1P

In re application of: Thurairajaratnam et al.

Serial No.: 10/620,057

Filed: July 15, 2003

Art Unit: 2829

For: MEASUREMENT OF PACKAGE INTERCONNECT
IMPEDANCE USING TESTER AND SUPPORTING
TESTER HARDWARE

MAIL STOP: AMENDMENT
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	(Col. 1) Claims Remaining After Amendment	(Col. 2)	(Col. 3) Highest No. Previously Paid for	Present Extra	SMALL ENTITY	OTHER THAN A SMALL ENTITY
TOTAL	* 13	MINUS	** 27	0	x 25 = \$.00	x 50 = \$.00
INDEP.	* 2	MINUS	** 3	0	x 100 = \$.00	x 200 = \$.00
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM						
				+ 180 = \$.00	TOTAL ADDIT. FEE \$.00	TOTAL \$.00
					OR	OR

* If the entry in Col. 1 is less than the entry in Col. 2, write "0" in Col. 3.

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*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" (Total or independent) is the highest number found from the equivalent box in Col. 1 of a prior amendment or the number of claims originally filed.

Please charge my Deposit Account No. 12-2252 in the amount of \$ _____ A duplicate copy of this sheet is enclosed.

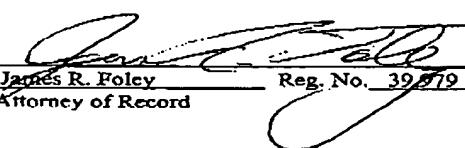
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Any filing fees required under 37 CFR 1.16 for the presentation of extra claims.

Any patent application processing fees under 37 CFR 1.17

Dated: March 22, 2005


James R. Foley Reg. No. 39,879
Attorney of Record

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PAGE 3/10 * RCVD AT 3/22/2005 5:44:24 PM [Eastern Standard Time] * SVR:USPTO-EFXRF-1/1 * DNI:8729306 * CSID:1312704 8023 * DURATION (mm:ss):03:04